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FROM:

Ralph D'Alessandro
Reg. No. 28,838
Attorney for Applicants

PHONE:**703-305-7919****PHONE:****661-295-5600 x2404****FAX:****703-872-9306****FAX:****661-257-4953****Documents Transmitted:**

Amendment Transmittal, 2 pages;
Amendment, 19 pages.

Applicant(s):**Varnon et al.****Appl. No.:****09/970,956****Filed:****October 3, 2001****Group Art Unit:****2853****Examiner:****Charles W. Stewart Jr.****3D Systems Docket No.:****USA.229**

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Date: November 2, 2004

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PATENT
USA.229

AMENDMENT TRANSMITTAL LETTER (Small Entity)

Applicant(s):	Varnon et al.	Examiner:	Charles W. Stewart Jr.
Application No.:	09/970,956	Customer No.:	22514
Filing Date:	Oct. 3, 2001	Group Art Unit:	2853 CENTRAL FAX CENTER
Invention:	QUANTIZED FEED SYSTEM FOR SOLID FREEFORM FABRICATION		

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Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid For	Number Extra Claims Present	Rate	Additional Fee
Total Claims	53 -	90 -		X \$9.00	
Indep. Claims	2 -	3 -		X \$44.00	
month extension of time					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					

No additional fee is required for amendment.
 Please charge Deposit Account No. 20-0900 in the amount of \$.
 The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 20-0900.
 Any additional filing fees required under 37 C.F.R. 1.16.
 Any patent application processing fees under 37 CFR 1.17.


 Ralph D'Alessandro, Reg. No. 28,838
 Attorney for Applicants

Dated: November 2, 2004

 3D Systems, Inc.
 26081 Avenue Hall
 Valencia, CA 91355
 (661) 295-5600, ext. 2404

PATENT
USA.229IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : David Montgomery Varnon
 Jon Jody Fong
 Raymond J. Bishop

Appl. No. : 09/970,956

Filed : October 10, 2001

Title : QUANTIZED FEED SYSTEM FOR SOLID FREEFORM FABRICATION

Grp./A.U. : 2853

Examiner : Charles W. Stewart Jr.

Docket No. : USA.229

Customer No. : 022514

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<u>Carolyn Moore</u>
Signature

RESPONSE TO OFFICE ACTION

Dear Sir:

This Amendment is submitted in reply to the Office Action given in the above-identified application for Letters Patent on August 4, 2004.

Amendments to the claims begin on page 2 of this paper.

Amendments to the specification begin on page 13 of this paper.

Remarks begin on page 17 of this paper.

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